

# APPRENTICESHIP WORKS FOR YOUTH DEMONSTRATION EVENT

NOVEMBER 15, 2022

On behalf of the D.C. Department of Employment Services, thanks for participating in today's Apprenticeship Works for Youth – Demonstration Event. Please refer to this document for information about the ten exhibitors.

## ▶ BRICKLAYERS UNION LOCAL NO. 1

Bricklayers are skilled craftsmen responsible for constructing brickwork by laying bricks using the correct mortar mixture. They are knowledgeable in the different types of bricks available and how to construct or repair walls in accordance with industry standards.

The Bricklayers Local 1 MD, VA & DC represents men and women working as Bricklayers, Stone Masons, Pointer Cleaner Caulkers, Terrazzo Workers, Tile Setters and Finishers in the construction trades. They will be demonstrating bricklaying techniques.

## ▶ CARPENTERS UNION

Carpenters are skilled in laying out, measuring, cutting, erecting, and joining materials together. They are highly trained to work quickly, accurately, and safely, while delivering the quality of work contractors and their customers have come to expect.

General carpenters provide the crucial foundation for concrete, exteriors, roofs, infrastructure, and scaffolding while also crafting fine trim and finish work. These professionals work with a variety of materials in every kind of structure.

## ▶ FINISHING TRADES INSTITUTION UNION OF MD, VA AND DC

(Trade areas: Glazier, Painting and Drywall Applicator)

Finishing Trades consist of Commercial Painting (offices, hotels and homes), Industrial Painting (factories, ships and bridges), glazing and glasswork, drywall finishing and sign and display. These positions are part of the building trades that specialize in finishings. These are the wall coverings, paint and industrial coatings, glazing and glass work, drywall taping, signage, trade show display and floor coverings that finish a construction project.

The Finishings Trades Institution Union will present on the trades of glazier, painter, and drywall applicator.

## ▶ INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS (IBEW), LOCAL NO.26

Electricians are tradesmen and women who are tasked with repairing, installing and maintaining control systems, lighting, communications, and electrical power in factories, businesses, and homes. Tradespeople in this industry hold some of the most technical jobs in the United States.

The International Brotherhood of Electrical Workers will demonstrate daily tasks of an Electrician through a video presentation.

## ▶ IRON WORKERS UNION LOCAL NO. 5

Ironworkers are vital in the construction process as they are responsible in securing the iron or steel components outlined in a structure's plans. Though they are called ironworkers, they also work with steel. Along with assisting in the construction of new buildings, they may also help reinforce the existing building's structure with metal.

Iron Workers Union Local No. 5 presentation will display the iron worker trade.

## ▶ OPERATING ENGINEERS UNION LOCAL NO.77

Operating Engineers are the highly skilled persons found on any project using construction equipment. Operating Engineers cover a variety of job classifications in industries such as highway and building construction (sometimes called Hoisting and Portable, descriptive of the type of equipment used), mining, toll ways, municipalities, tunnels, slag, landscaping, power plants, refineries, railroads, quarries, plants that produce rock, sand and gravel, logging, utility work such as gas, water and sewer excavation. There will also be a video and presentation of the operating engineer trade.

#2022NAW

APPRENTICESHIP  
WORKS FOR YOUTH  
DEMONSTRATION  
EVENT

DOES

DISTRICT OF COLUMBIA  
DEPARTMENT OF  
EMPLOYMENT SERVICES

WE ARE WASHINGTON  
GOVERNMENT OF THE  
DISTRICT OF COLUMBIA  
MURIEL BOWSER MAYOR

## ▶ PLASTER AND CEMENT MASONS, LOCAL 891

Cement masons pour, smooth, and finish concrete floors, sidewalks, roads, and curbs. They are needed wherever a finished surface of concrete is poured. Plasters and Cement Masons, Local 891 will demonstrate the process of spreading and smoothing concrete.

## ▶ PLUMBERS UNION LOCAL NO.5

Plumbers install, repair, and maintain pipes, valves, fittings, drainage systems, and fixtures in commercial and residential structures. Collaborate with general contractors, electricians, and other construction professionals. Follow building plans and blueprints. Respond to, diagnose, and resolve plumbing emergencies.

The Plumbers & Gasfitters of Local 5 Washington D.C. welcomes you to our site. The skilled members of Local 5 have been installing, maintaining, and servicing the waste, water & gas systems in the Washington D.C. area since 1890. Their live demonstration displays the pipe soldering technique.

## ▶ SHEET METAL WORKERS UNION LOCAL NO.100

A Sheet Metal Worker is a skilled tradesman who creates, installs, and repairs sheet metal products. Most commonly these products include elements of heating, cooling, and ventilation systems, although sheet metal workers also fabricate and repair products for drainage and roofing applications. Some sheet metal workers are skilled tradesmen, while others work on assembly lines performing less skilled tasks of metal assembly.

The Sheet Metal Workers Union Local No.100 demonstration includes a virtual interactive mechanical architectural drawing of the trade area.

## ▶ STATIONARY ENGINEERS UNION LOCAL NO.99

Stationary Engineers operate and maintain boilers, chillers, generators and automated or computerized building systems. Our job responsibilities include monitoring, repairing, maintaining, and inspecting plant equipment, alarms, meters and other instruments to ensure maximum efficiency.

Stationary Engineers Union Local No.99 will demonstrate skills of a Stationary Engineer through a video and presentation of the stationary engineer trade.

**Hover your camera phone over the QR code to access and complete a brief feedback survey. Thanks so much!**

